

FIG. 1

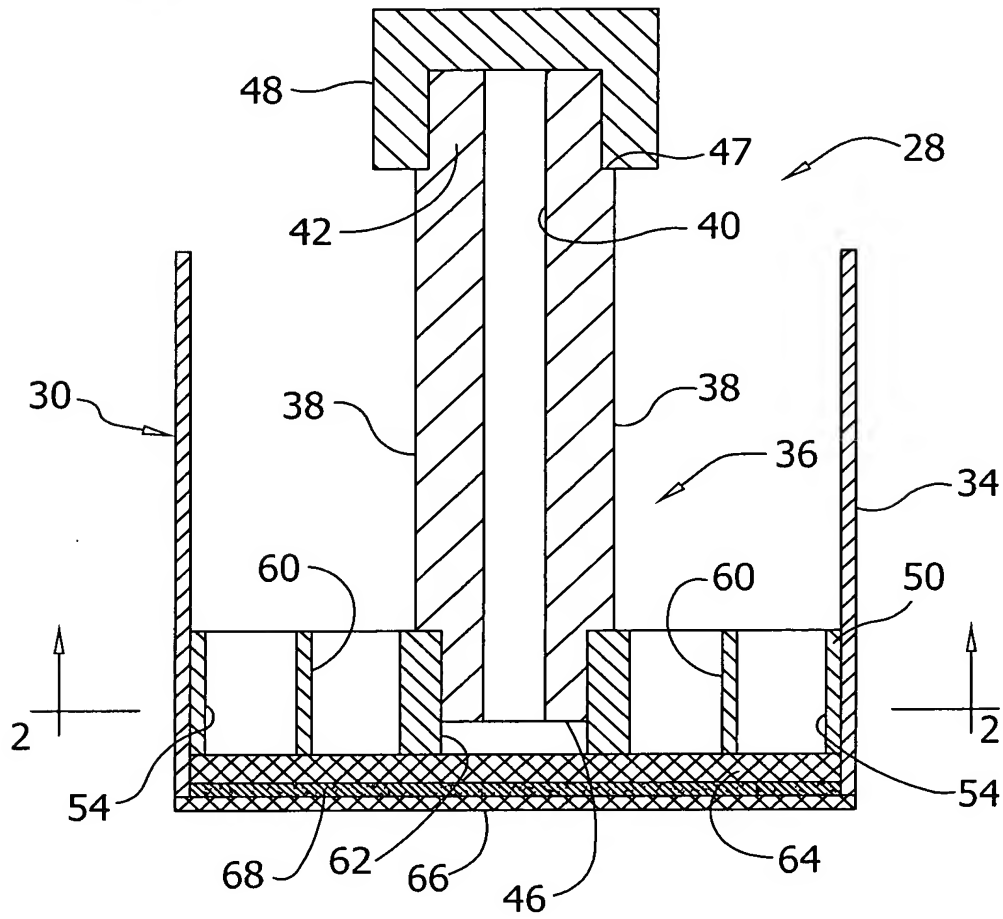


FIG. 2

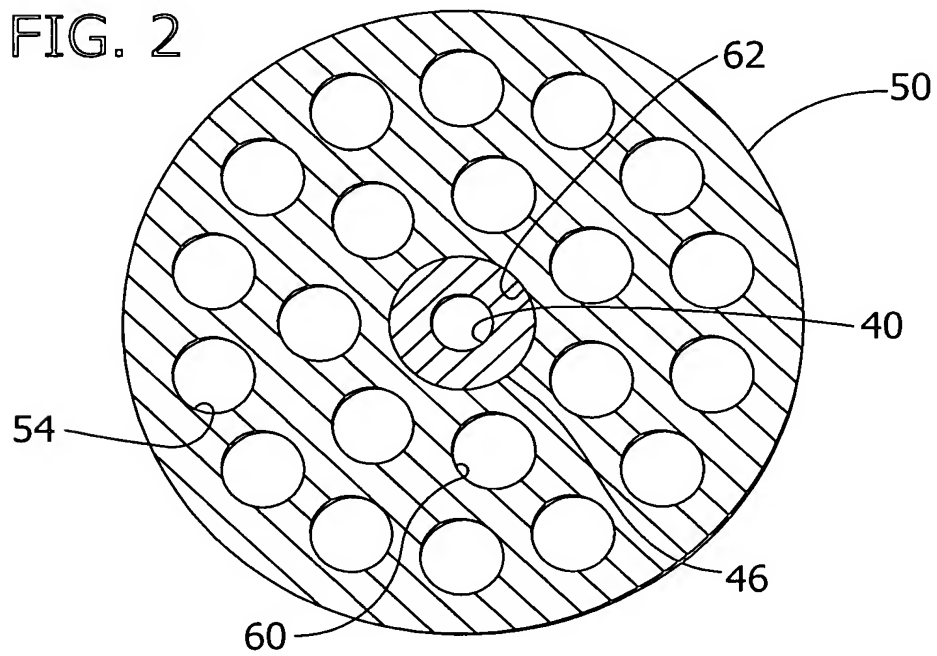


FIG. 3

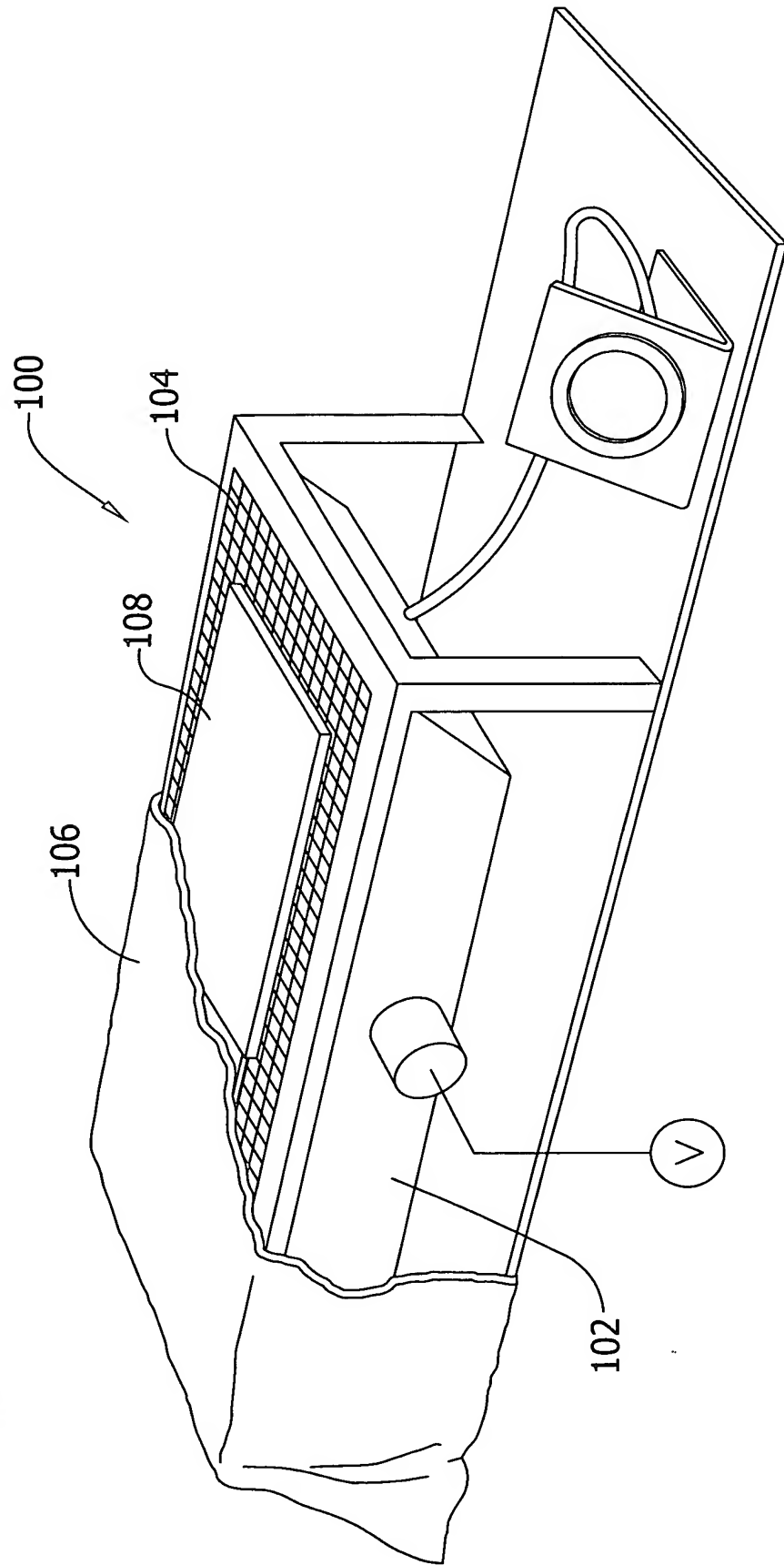


FIG. 4

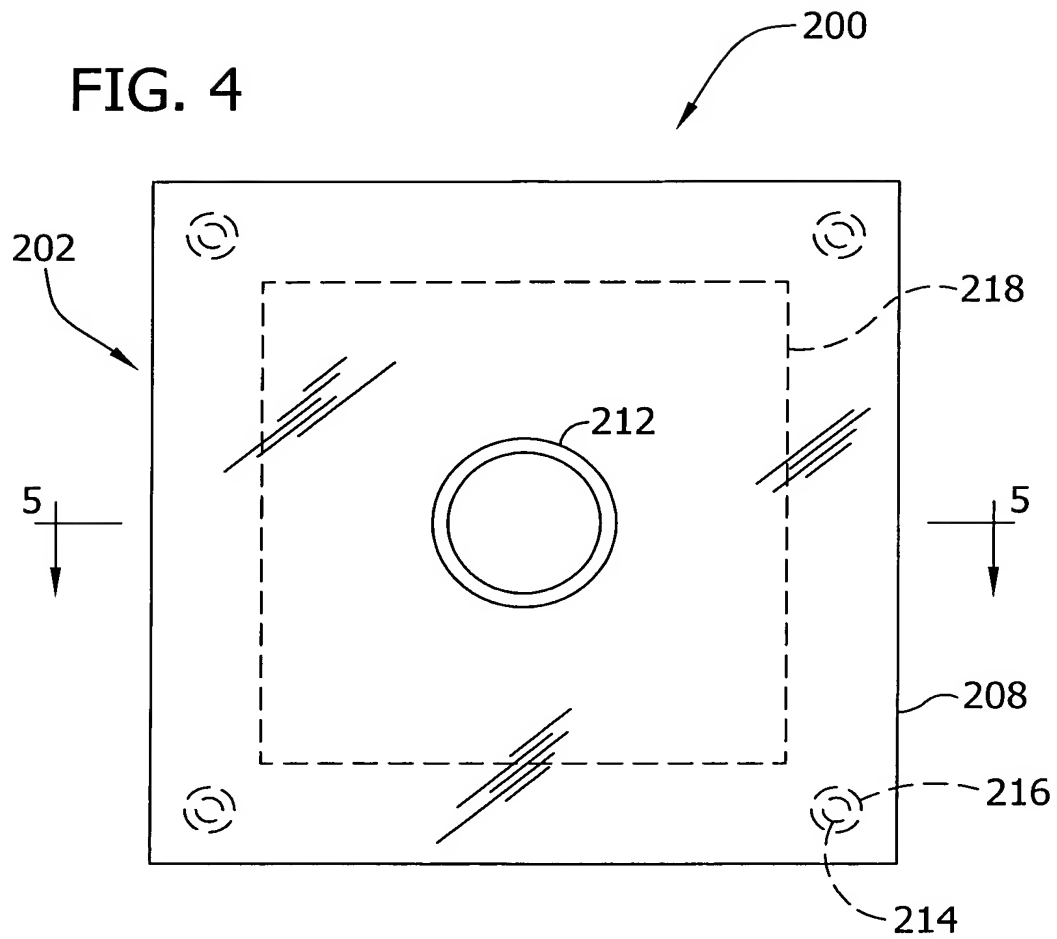
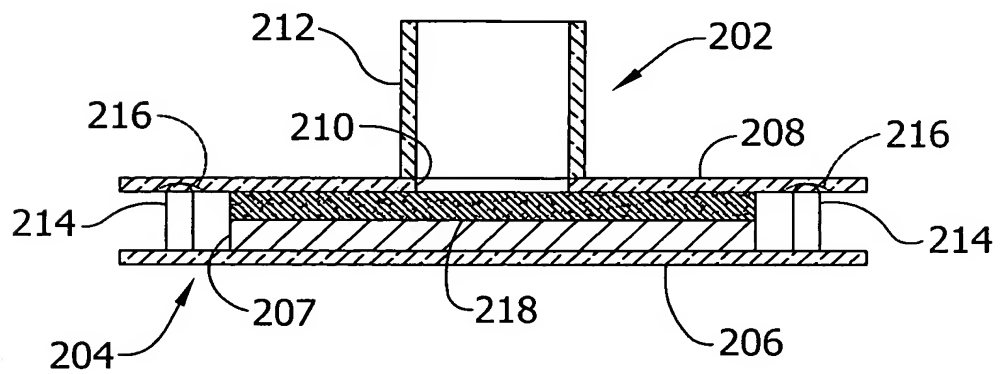


FIG. 5



**FIG. 6A**

**Intake Rate v. Permeability**  
**First Insult = 0 – 30% Total Retention Capacity**

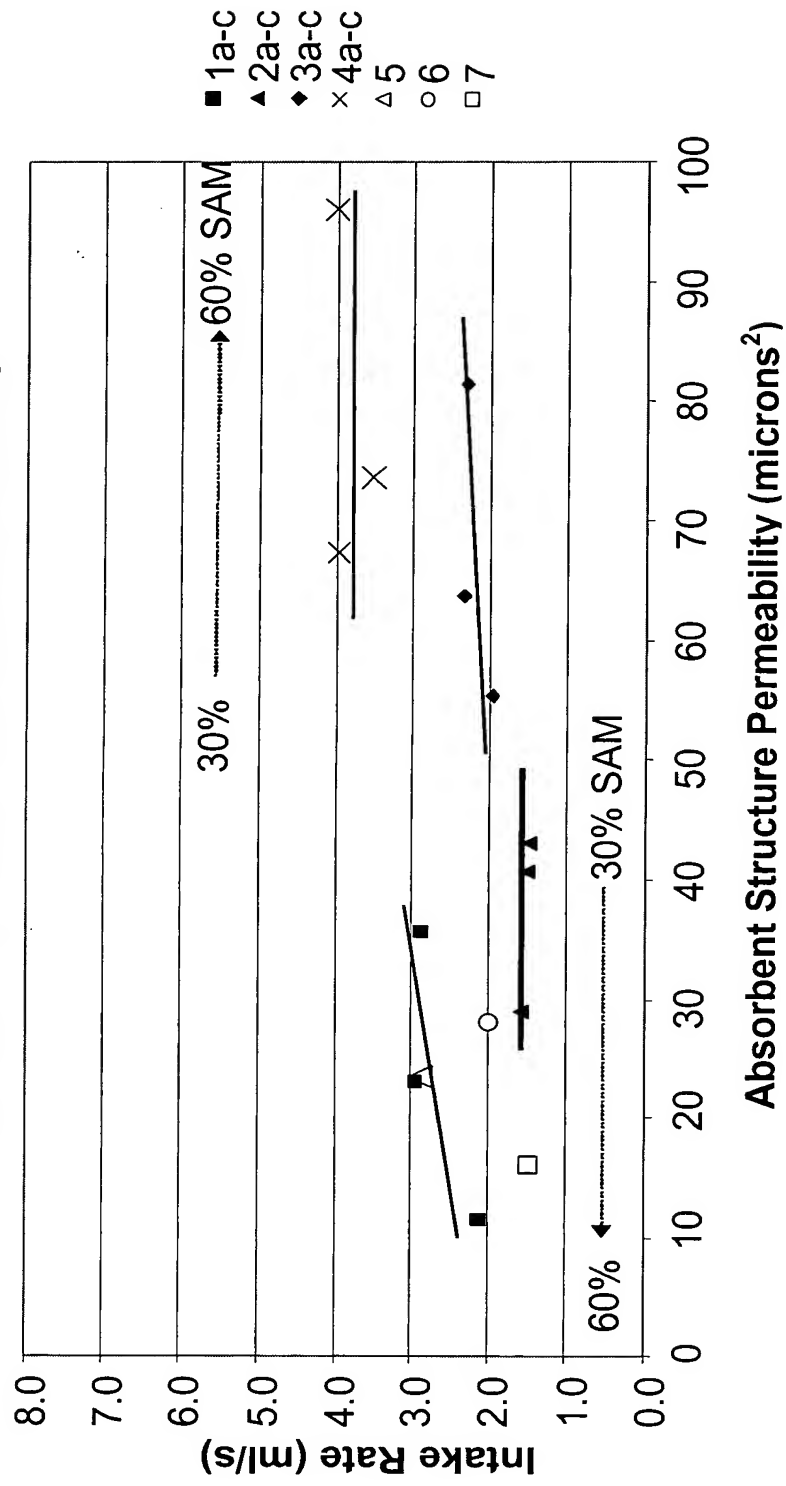


FIG. 6B

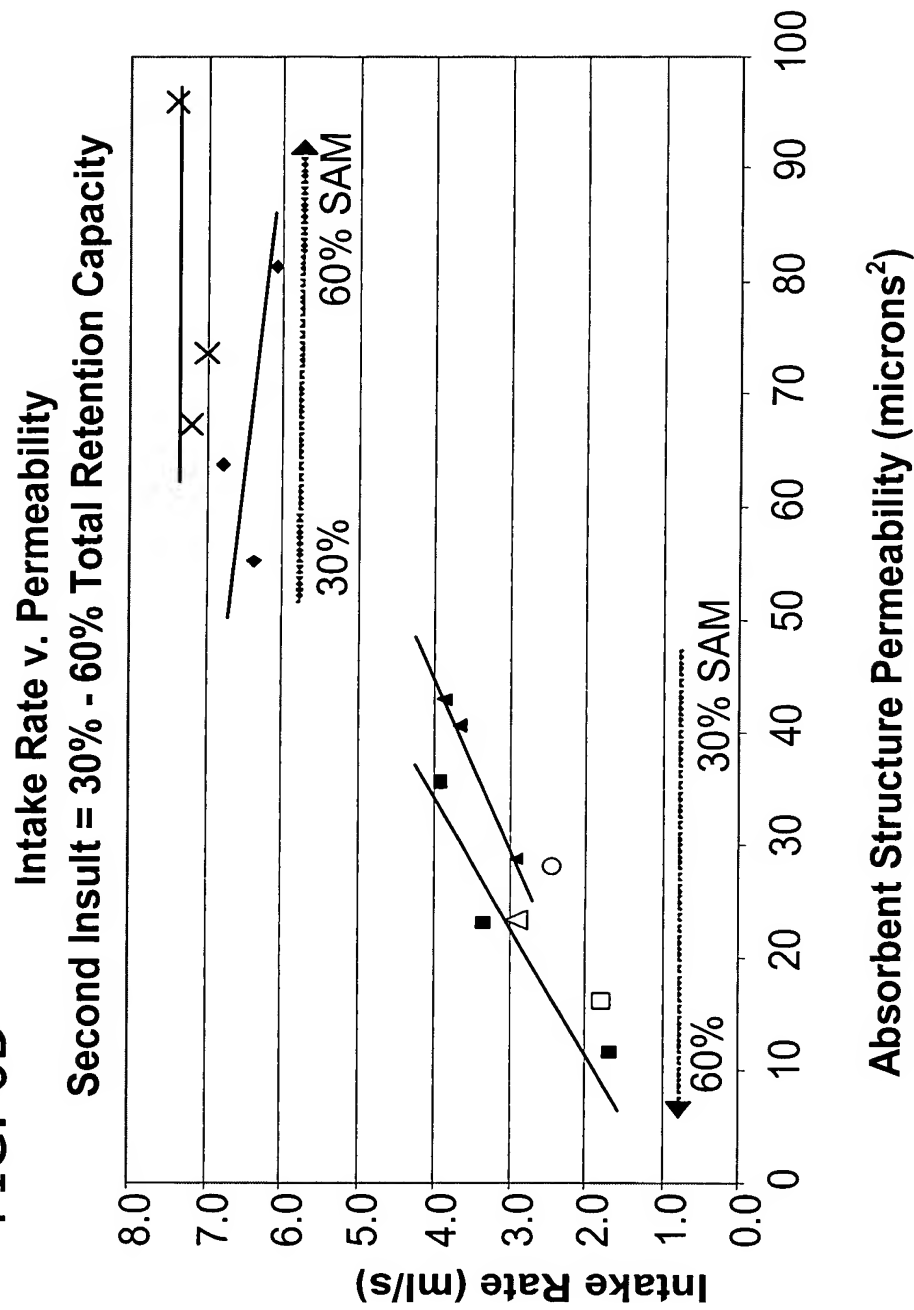


FIG. 6C

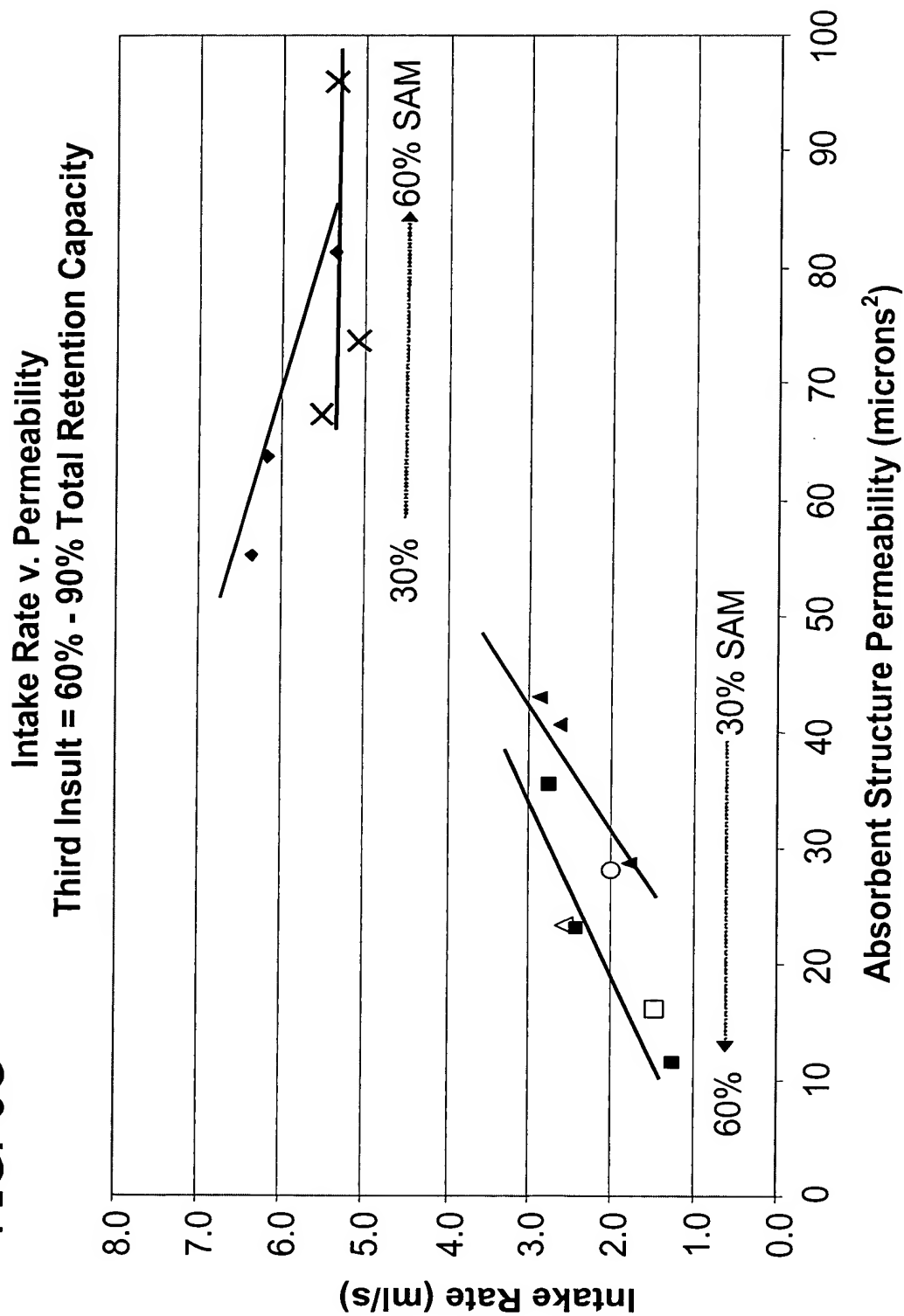


FIG. 7

Intake Rate v. Intake Factor

